

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application.

**Listing of Claims:**

1. (Previously Presented) A firearm identification kit configured to be distributed to the owner of a firearm comprising:
  - a recess for at least one spent cartridge case that has been fired by the firearm; and
  - a computer readable data storage medium in which is stored:
    - identifying indicia corresponding to a firearm; and
    - at least one image of a spent cartridge case fired by the firearm.
2. (Original) The kit according to claim 1 further comprising at least one spent cartridge case that has been fired by the firearm.
3. (Previously Presented) The kit according to claim 2 further comprising a protective case for storing the computer readable data storage medium and the at least one spent cartridge case.
4. (Original) The kit according to claim 1, wherein the at least one image is compatible with an automated ballistic matching system.
5. (Original) The kit according to claim 1, wherein the image is compatible with the National Integrated Ballistic Information Network.
6. (Previously Presented) The kit according to claim 1 in which the data storage medium is a non-volatile data storage medium.
7. (Previously Presented) The kit according to claim 6, wherein the data storage medium comprises an optical disk.

8. (Original) The kit according to claim 7, wherein the optical disk cannot be erased.

9. (Original) The kit according to claim 1, further comprising data for ensuring the integrity of the firearm identification information.

10. (Previously Presented) The kit according to claim 1, wherein the data storage medium comprises human readable indicia corresponding to the firearm associated with the kit.

11. (Original) The kit according to claim 1, wherein the at least one image includes a close-up image of a breech face of a spent cartridge case.

12. (Previously Presented) The kit according to claim 11, wherein the computer readable storage medium further includes textual descriptions of the at least one image.

13. (Previously Presented) A method of identifying a firearm, comprising:  
obtaining from the owner of a firearm a computer readable storage medium including at least one image of a first spent cartridge case fired by the firearms;  
obtaining an image of a second spent cartridge case;  
comparing the images of the first and second shells; and  
determining whether the images of the first and second shells match.

14. (Original) The method according to claim 13, wherein obtaining the image of the spent cartridge case comprises selecting an image from a plurality of images of spent cartridge cases.

15. (Cancelled)

16. (Currently Amended) A gun kit configured to be distributed to the owner of a gun, comprising:

a firearm;

a digital medium on which is stored at least one image of a cartridge case fired by the firearm; and

~~The gun kit according to claim 15, further comprising~~ a recess for at least one spent cartridge case that has been fired by the firearm.

17. (Currently Amended) A gun kit configured to be distributed to the owner of a gun, comprising:

a firearm;

a digital medium on which is stored at least one image of a cartridge case fired by the firearm; and

~~The gun kit according to claim 16 further comprising~~ at least one spent cartridge case that has been fired by the firearm.